

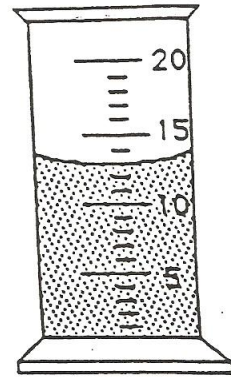
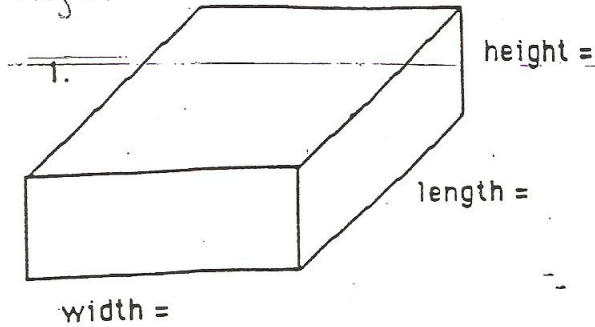
-p.1

# USE SIG FIGS

Name \_\_\_\_\_

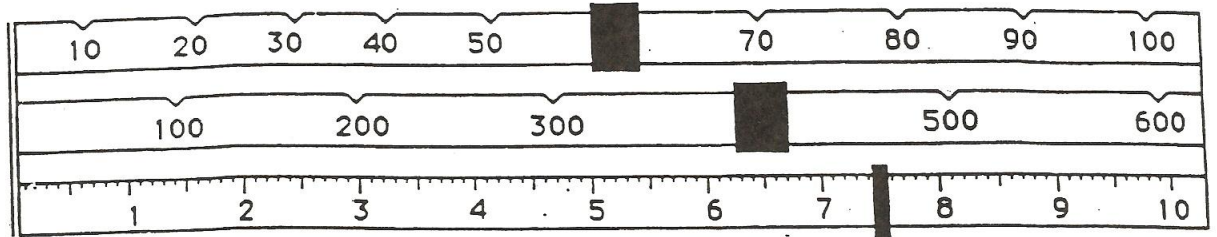
## SCIENTIFIC MEASUREMENT + sig figs Measuring In The Metric System

measure in sig figs.

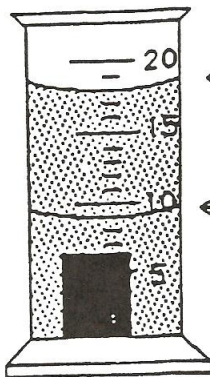


2. \_\_\_\_\_ ml

Volume = length x width x height  
 Volume = \_\_\_\_\_



3. \_\_\_\_\_ grams



← volume of water and metal

← volume of water alone

5. Measure the lengths of these line

- a.) \_\_\_\_\_
- b.) \_\_\_\_\_
- c.) \_\_\_\_\_
- d.) \_\_\_\_\_

4. What is the volume of the metal?

6. Perform the following operations + round to correct sig figs.

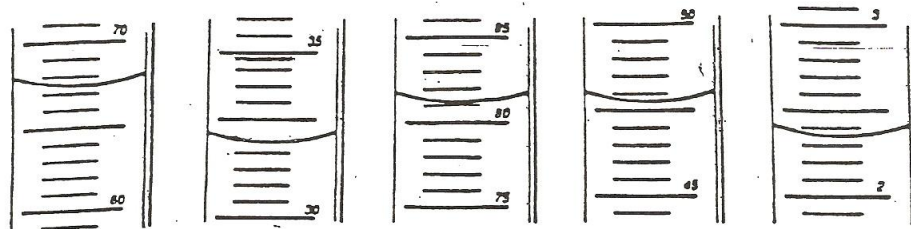
a)  $3.21 + 1.4803 =$  \_\_\_\_\_      b)  $5.00 \times 4.5 =$  \_\_\_\_\_

c)  $15.017 - 5.2 =$  \_\_\_\_\_      d)  $21.3 \div 7.2174 =$  \_\_\_\_\_

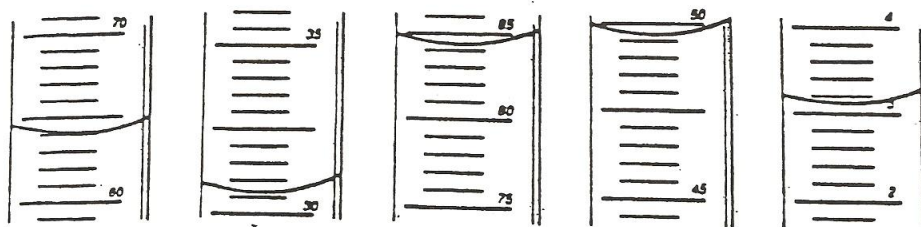
NAME \_\_\_\_\_ DATE 2/11 CLASS 921

### Graduated Cylinder: Measuring Liquid Volume

3. What volume is indicated on each of these graduated cylinders?



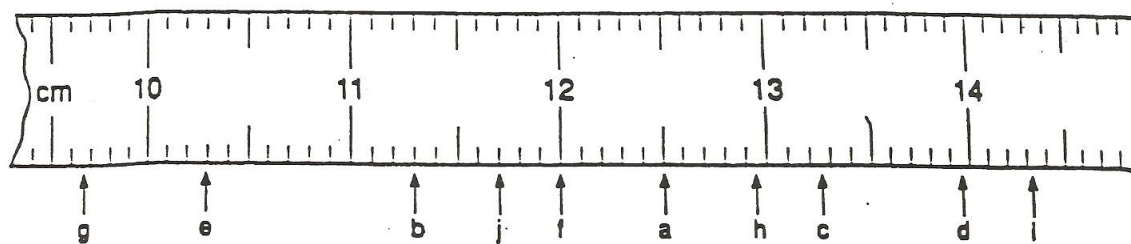
a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_ d. \_\_\_\_\_ e. \_\_\_\_\_



f. \_\_\_\_\_ g. \_\_\_\_\_ h. \_\_\_\_\_ i. \_\_\_\_\_ j. \_\_\_\_\_

### Metric Ruler: Determining Length

2. What lengths are indicated on this ruler?



a. \_\_\_\_\_ f. \_\_\_\_\_  
 b. \_\_\_\_\_ g. \_\_\_\_\_  
 c. \_\_\_\_\_ h. \_\_\_\_\_  
 d. \_\_\_\_\_ i. \_\_\_\_\_  
 e. \_\_\_\_\_ j. \_\_\_\_\_